

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	224	417/354.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:38
L2	523	417/423.7.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:39
L3	494	2 not 1	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:39
L4	2274	310/67R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
L5	36	4 and claw	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
L6	15	5 and fan	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
L7	3697	310/68B,257,71.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
L8	265	7 and claw	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
L9	93	8 and fan	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 10:40
S1	0	WO9937924	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/05 14:24
S2	0	WO9937924.ap.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/30 15:54
S3	0	("WO9937924.ap.").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/11/30 15:54

## EAST Search History

S4	0	("WO9937924").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	OFF	2006/11/30 15:54
S5	0	WO9937924.did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/30 15:56
S6	3	"9937924".did.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/11/30 15:56
S7	26	winkler-wolfgang-arno.in.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/05 14:32
S8	1	"4823034".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:35
S9	1	"5698919".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:36
S10	1	"6132170".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:52
S11	1	"6509704".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:35
S12	0	("0345796").PN.	EPO; DERWENT	OR	OFF	2006/12/05 14:53
S13	0	EP0345796	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:53
S14	2	"0345796"	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:53
S15	452	altmann.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/05 14:53
S16	409	altmann.in.	EPO	OR	ON	2006/12/05 14:56
S17	365	obara.in.	EPO	OR	ON	2006/12/05 14:58
S18	15	417/423.14.ccls.	EPO	OR	ON	2006/12/05 14:59

## EAST Search History

S19	907	417/423.14.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:16
S20	1	"5343104".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:51
S21	1	"6841957".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:22
S22	909	"claw pole"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 08:40
S23	222	"claw pole" same fan	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:55
S24	4	"claw pole stator" same fan	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:57
S25	1	"6013966".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/05 15:57
S26	0	417/67r.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 08:40
S27	2142	310/67r.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 08:42
S28	369	S27 and fan	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 08:42
S29	392	S27 and (fan or blower)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 10:09
S30	919	310/68b.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 10:12

## EAST Search History

S31	136	S30 and (fan or blower)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/06 10:12
S32	18	("3446429"   "3481533"   "4511828").PN. OR ("4832576"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 10:34
S33	400	310/257.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 10:34
S34	43	S33 and (fan or blower)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/06 10:35
S35	22	(US-20050106046-\$ or US-20010036416-\$).did. or (US-4823034-\$ or US-5698919-\$ or US-6132170-\$ or US-5343104-\$ or US-6841957-\$ or US-6333576-\$ or US-6300695-\$ or US-6137197-\$ or US-5859486-\$ or US-5670837-\$ or US-5436519-\$ or US-4859888-\$ or US-5739614-\$ or US-5616974-\$ or US-4832576-\$).did. or (WO-9937924-\$ or DE-102004033215-\$ or WO-2005008072-\$ or EP-345796-\$ or EP-1150017-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 11:05
S36	1885	310/71.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 11:05
S37	296	S36 and (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 11:37
S38	1716	361/695.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 11:38
S39	1640	S38 and (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 11:38
S40	743	S39 and (circuit adj board)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:53
S41	71	(data adj bus) with (circuit adj board) and (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:57
S42	0	S41 and "417".ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:55

## EAST Search History

S43	0	S41 and "417".clas.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:55
S44	0	S41 and "310".clas.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:55
S45	676	(data adj bus) with (circuit adj board)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:56
S46	0	S45 and "417".clas.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:56
S47	0	(data adj bus) with (circuit adj board) with(fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:57
S48	0	(data adj bus) with (circuit adj board) with (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:57
S49	2	(data adj bus) with (circuit adj board) same(fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 13:57
S50	2	(data adj bus) with (circuit adj board) same (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:23
S51	96869	(data adj bus)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:17
S52	91106	S51 and control	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:15
S53	3932	S52 and fan	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:15
S54	15	S53 and "417".clas.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:15
S55	44461	S51 and @py<"2001"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:19
S56	44461	S55 and (advantage of data bus)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:20
S57	0	S55 and "advantage of data bus"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:20

## EAST Search History

S58	0	"advantage of data bus"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:20
S59	0	"advantage of a data bus"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:20
S60	325	"data bus" same fan	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:35
S61	2049177	data bus with (control same fan)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:38
S62	12854	(data bus with control) same fan	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 14:58
S63	9	"circuit boards" with "stranded conductors"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 15:05
S64	165	417/354.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 15:50
S65	453	417/423.7.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 15:50
S66	168	S65 and (fan or blower)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 16:07
S67	953	417/63.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 16:07
S68	33	S67 and (fan or bloewr)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/06 16:07
S70	6	"500541".ap.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/07 16:15
S71	1	"5343104".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/08 09:41
S72	1	"5562410".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/08 10:22

## EAST Search History

S73	0	"532533".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/08 10:22
S74	1	"5532533".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/12/08 10:22
S75	24	("3644765"   "3809935"   "3984712"   "4642496"   "4773829"   "4888509"   "4952830"   "4988905"   "5006744"   "5038088"   "5053670").PN. OR ("5532533"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/08 10:22
S76	503	417/423.7.ccls.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/20 16:51
S77	535	417/423.7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/20 16:51
S78	2	"3700358".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/05/11 13:41
S79	28	("2776089"   "2961152"   "3229897"   "3483456").PN. OR ("3700358"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 13:50
S80	1	"5466995".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 13:50
S81	25	("1752892"   "1920749"   "1952299"   "3069068"   "3286149"   "3560823"   "4012678"   "4030009"   "4156168"   "4436486"   "4546300"   "4564142"   "4629116"   "4863100"   "4958118"   "5049801").PN. OR ("5466995"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:20
S82	1	"5176509".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:20
S83	32	("4128364"   "4861237"   "4955791"   "5028216"   "5049770").PN. OR ("5176509").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:34

## EAST Search History

S84	162	"claw pole" near4 motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:34
S85	1768	"internal stator" or "external rotor"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:35
S86	7	S84 and S85 and fan	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 14:35
S87	19	("3840761"   "4169990"   "4682065"   "4698542"   "4779165"   "4891567"   "5097170"   "5176509"   "5298820"   "5343104"   "5591017"   "5782652").PN. OR ("6013966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/11 15:35
S88	1	"6013966".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/05/14 08:33
S89	19	("3840761"   "4169990"   "4682065"   "4698542"   "4779165"   "4891567"   "5097170"   "5176509"   "5298820"   "5343104"   "5591017"   "5782652").PN. OR ("6013966").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:33
S90	20	("3801887"   "4156168"   "4162435"   "4275343"   "4401926"   "4459519"   "4459532"   "4520303"   "4868479"   "4874993"   "5652825"   "5682088"   "5831359"   "6013966").PN. OR ("6429615"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 08:35
S91	21	("4194743"   "4656381"   "4891567"   "4899075"   "5148069"   "5539263").PN. OR ("5831359"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 10:10
S92	6	"500541".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 10:24
S93	1	"6,281,616".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:01
S94	4	"369848".ap.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:01



## EAST Search History

S95	18	("4128364"   "4513812"   "4737672"   "4806808"   "4861237"   "4891537"   "4955791"   "4961017"   "5028216"   "5045740"   "5049770").PN. OR ("RE37261").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:10
S96	5416	fan same "circuit board"	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:10
S97	2162	fan same "circuit board" and motor	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:10
S98	337	S97 and ("417".clas. or "310".clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:36
S99	1	"5532533".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/14 11:36
S10 0	0	99/37924	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/05/14 12:00
S10 1	0	(99/37924).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/05/14 12:00
S10 2	0	WO9937924	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:00
S10 3	0	WO99/37924	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:00
S10 4	67	brown-fred-a.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/14 12:01
S10 5	11	brown-fred-a.in.	EPO; JPO; DERWENT	OR	ON	2007/05/14 12:01

## EAST Search History

S10 6	52	(US-20050106046-\$ or US-20010036416-\$).did. or (US-4823034-\$ or US-6132170-\$ or US-5698919-\$ or US-6137197-\$ or US-5436519-\$ or US-6394768-\$ or US-6050785-\$ or US-6300697-\$ or US-5997267-\$ or US-5616974-\$ or US-5532533-\$ or US-6271608-\$ or US-4859888-\$ or US-4832576-\$ or US-4429242-\$ or US-5343104-\$ or US-6841957-\$ or US-6013966-\$ or US-6333576-\$ or US-6300695-\$ or US-5859486-\$ or US-5739614-\$ or US-5670837-\$ or US-4636669-\$ or US-3700358-\$ or US-4754179-\$). did. or (US-6236569-\$ or US-5694294-\$ or US-5562410-\$ or US-4885488-\$ or US-6016774-\$ or US-6129193-\$ or US-4174563-\$ or US-5947248-\$ or US-5879141-\$ or US-5788467-\$ or US-4549858-\$ or US-6062026-\$ or US-5466995-\$ or US-6429615-\$ or US-5831359-\$ or US-6281616-\$ or US-4899075-\$ or US-5028216-\$ or US-4961017-\$). did. or (WO-9937924-\$ or DE-102004033215-\$ or WO-2005008072-\$ or EP-345796-\$ or EP-1150017-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/01/29 12:58
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## EAST Search History

S10 7	52	(US-20050106046-\$ or US-20010036416-\$).did. or (US-4823034-\$ or US-6132170-\$ or US-5698919-\$ or US-6137197-\$ or US-5436519-\$ or US-6394768-\$ or US-6050785-\$ or US-6300697-\$ or US-5997267-\$ or US-5616974-\$ or US-5532533-\$ or US-6271608-\$ or US-4859888-\$ or US-4832576-\$ or US-4429242-\$ or US-5343104-\$ or US-6841957-\$ or US-6013966-\$ or US-6333576-\$ or US-6300695-\$ or US-5859486-\$ or US-5739614-\$ or US-5670837-\$ or US-4636669-\$ or US-3700358-\$ or US-4754179-\$). did. or (US-6236569-\$ or US-5694294-\$ or US-5562410-\$ or US-4885488-\$ or US-6016774-\$ or US-6129193-\$ or US-4174563-\$ or US-5947248-\$ or US-5879141-\$ or US-5788467-\$ or US-4549858-\$ or US-6062026-\$ or US-5466995-\$ or US-6429615-\$ or US-5831359-\$ or US-6281616-\$ or US-4899075-\$ or US-5028216-\$ or US-4961017-\$). did. or (WO-9937924-\$ or DE-102004033215-\$ or WO-2005008072-\$ or EP-345796-\$ or EP-1150017-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2008/02/01 08:57
S10 8	807	417/423.14.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2008/02/01 09:32
S10 9	931	417/423.14.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/01 09:32